



Intel Capital
CEO Summit 2007
Building Global Connections





Dadi Perlmutter
Senior Vice President
General Manager, Mobility Group
Intel Corporation

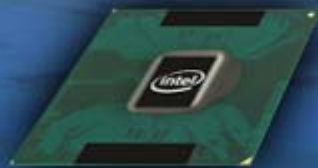
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Intel Technology Spans the Mobile Computing Spectrum

MID, UMPC

Notebooks



CPU



Graphics &
Chipset

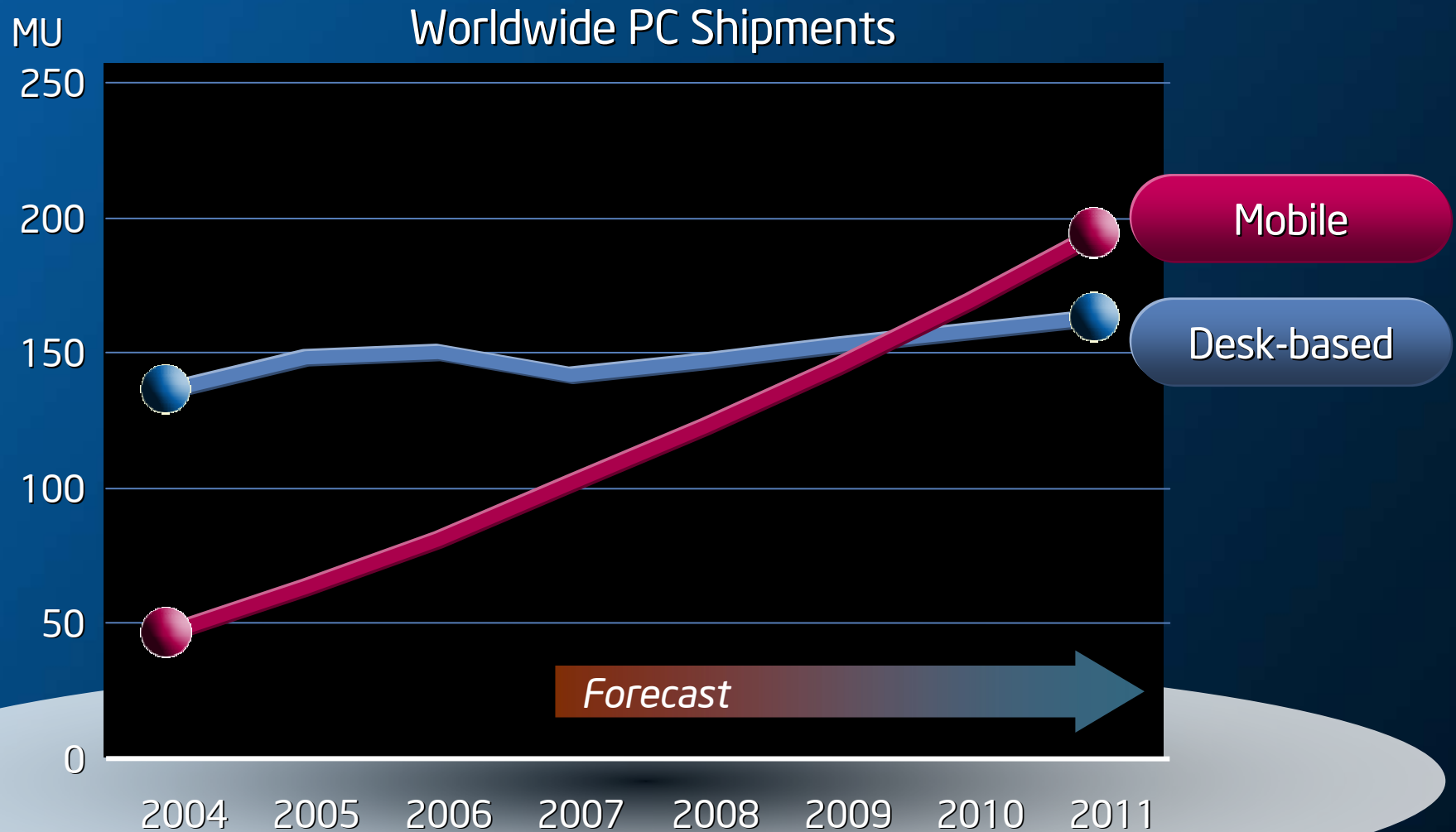


Wi-Fi / WiMax

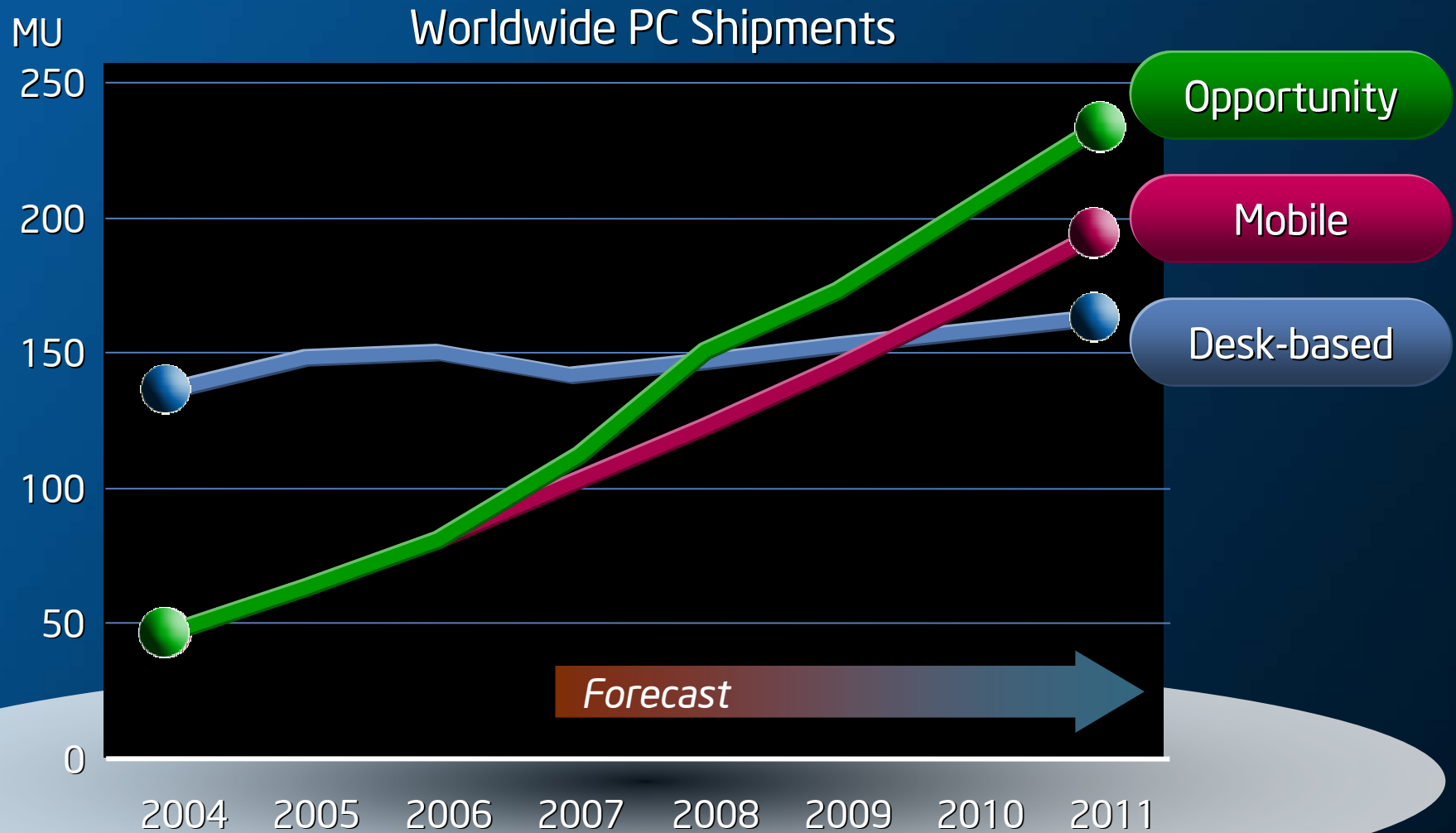
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intel capital

Personal Computing Is Going Mobile!



Personal Computing Is Going Mobile!



Mobile Computing Needs

Performance



Wireless
Networking



Mobility



Form Factor



Battery Life

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Building on a Tradition of Notebook Platforms

Napa
2006



Intel® Core™ Duo Processor

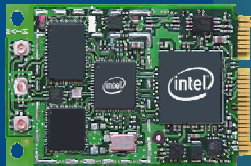
Santa Rosa
2007



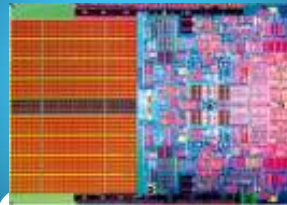
Montevina
2008



Refresh

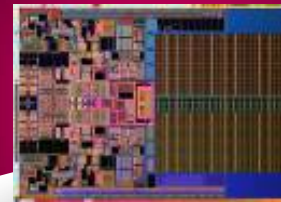


Intel® Wireless
WiFi Link 4965AGN



Intel® Core™ 2 Duo
Processor

Refresh



Penryn
(with Intel 45nm Hi-k metal gate
silicon technology)

Launched Yesterday!

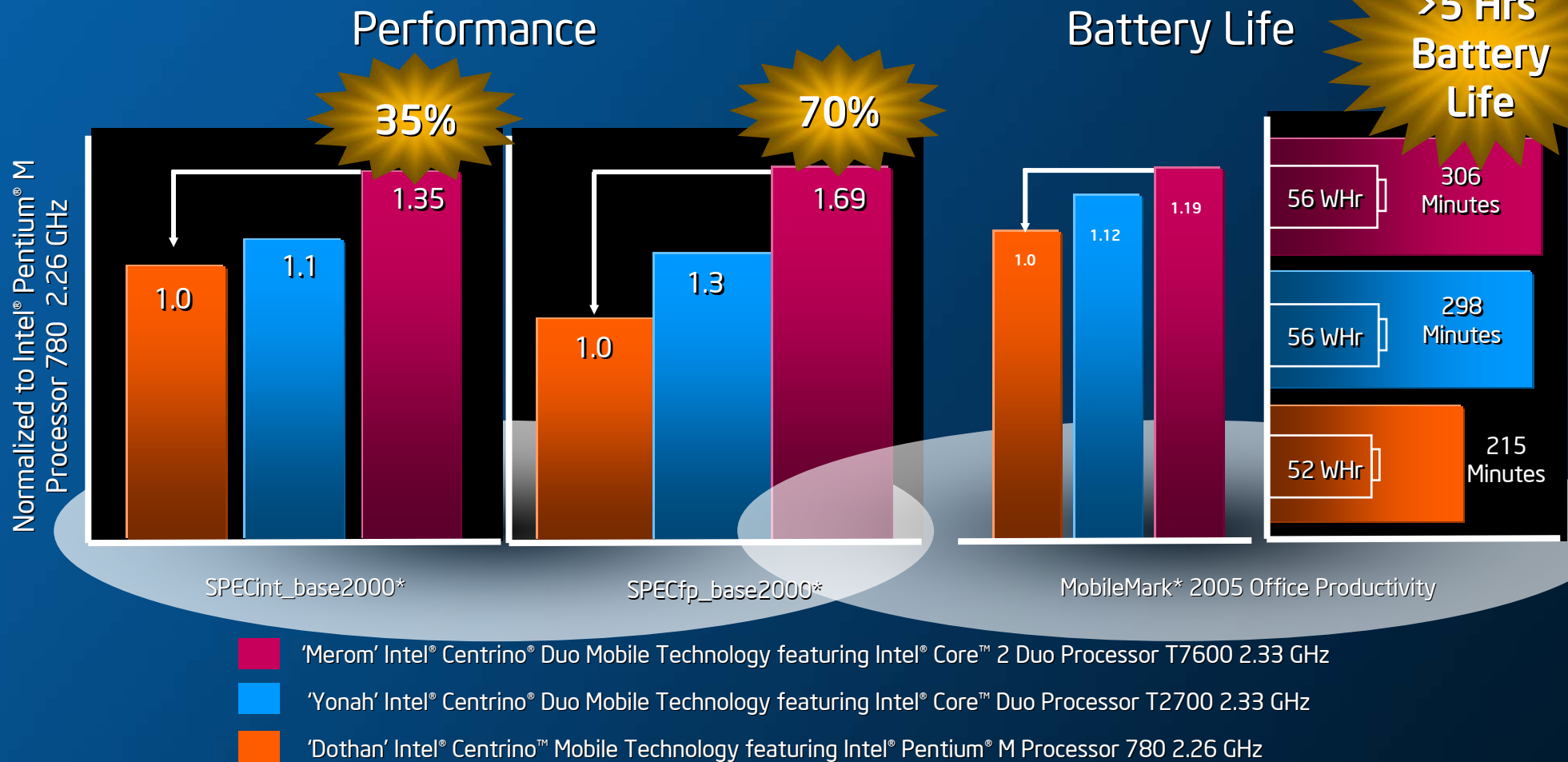
Santa Rosa Platform



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Energy Efficient Performance



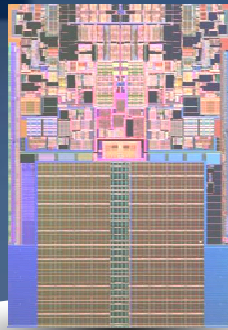
Great battery life, relentless generational performance increases

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Performance tests and ratings are measured using specific systems and/or components and reflect approximate performance of Intel products as measured by those tests. Any difference in system hardware, software, or configuration may affect actual performance. Buyers should consult other sources of information to evaluate performance of systems or components they are considering purchasing. For more information on performance tests and performance of Intel products, visit <http://www.intel.com/performance>



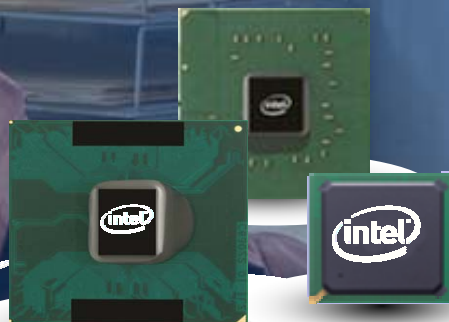
Building for 2008: Montevina Platform



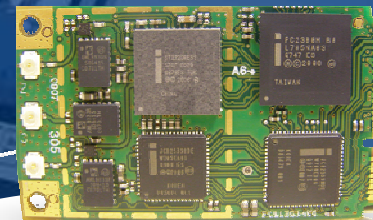
Penryn



Integrated high-def hardware



Smaller Form Factors



Integrated WiFi-WiMAX Combo

An Internet Spiral

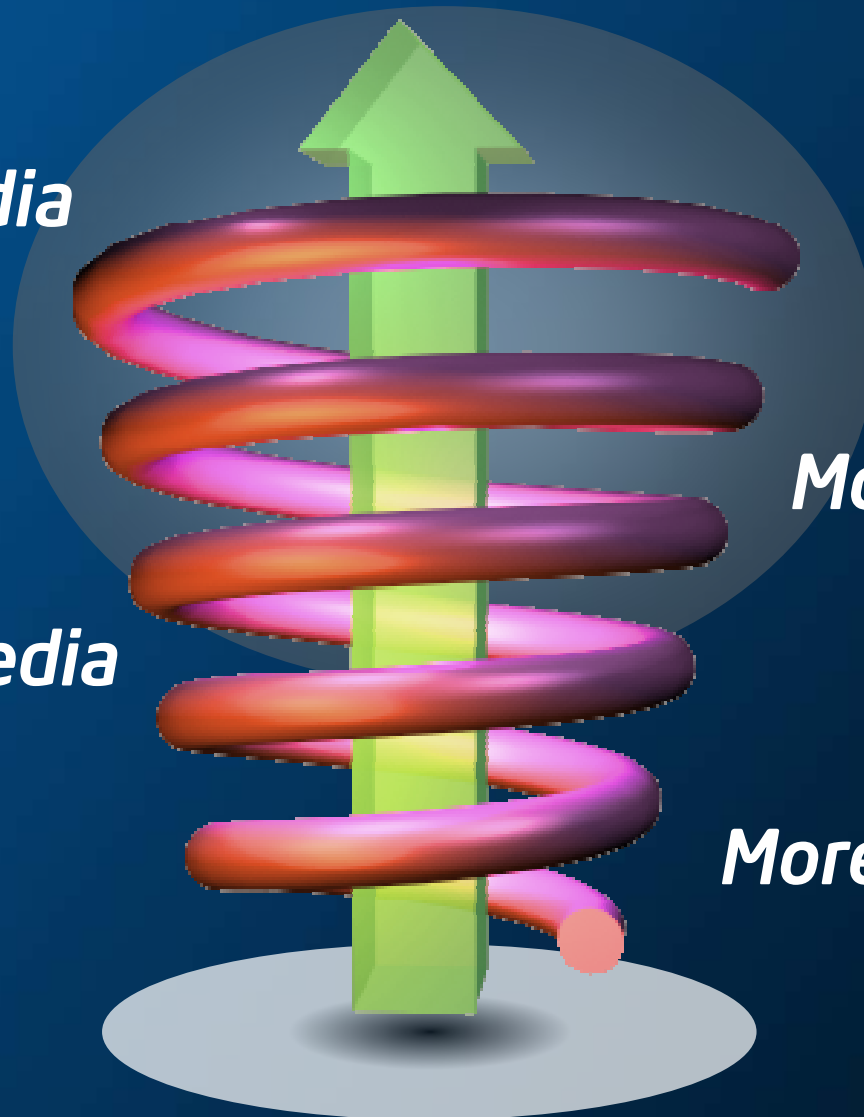
Drives Need for Performance

Richer Media

More Users

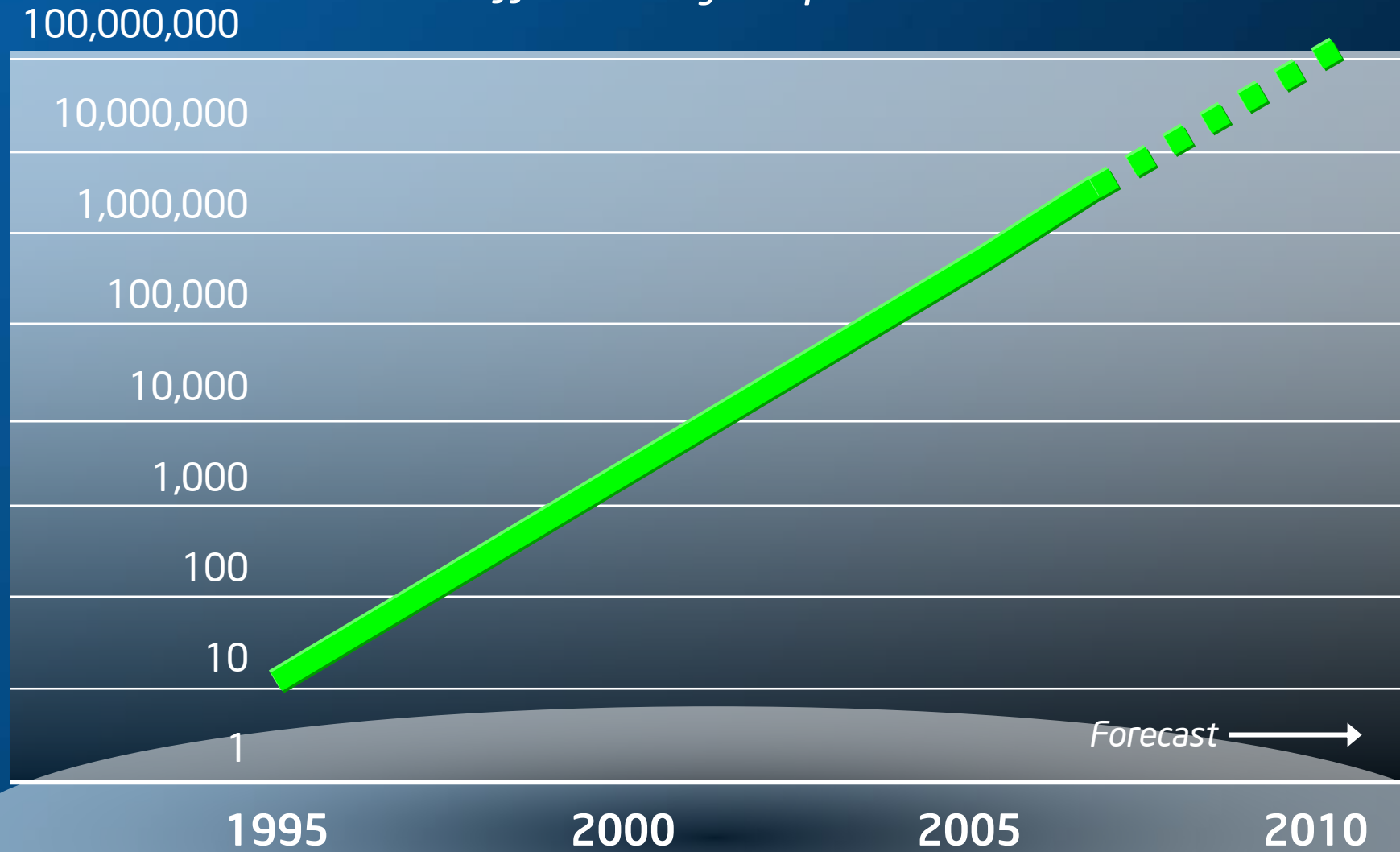
Richer Media

More Users



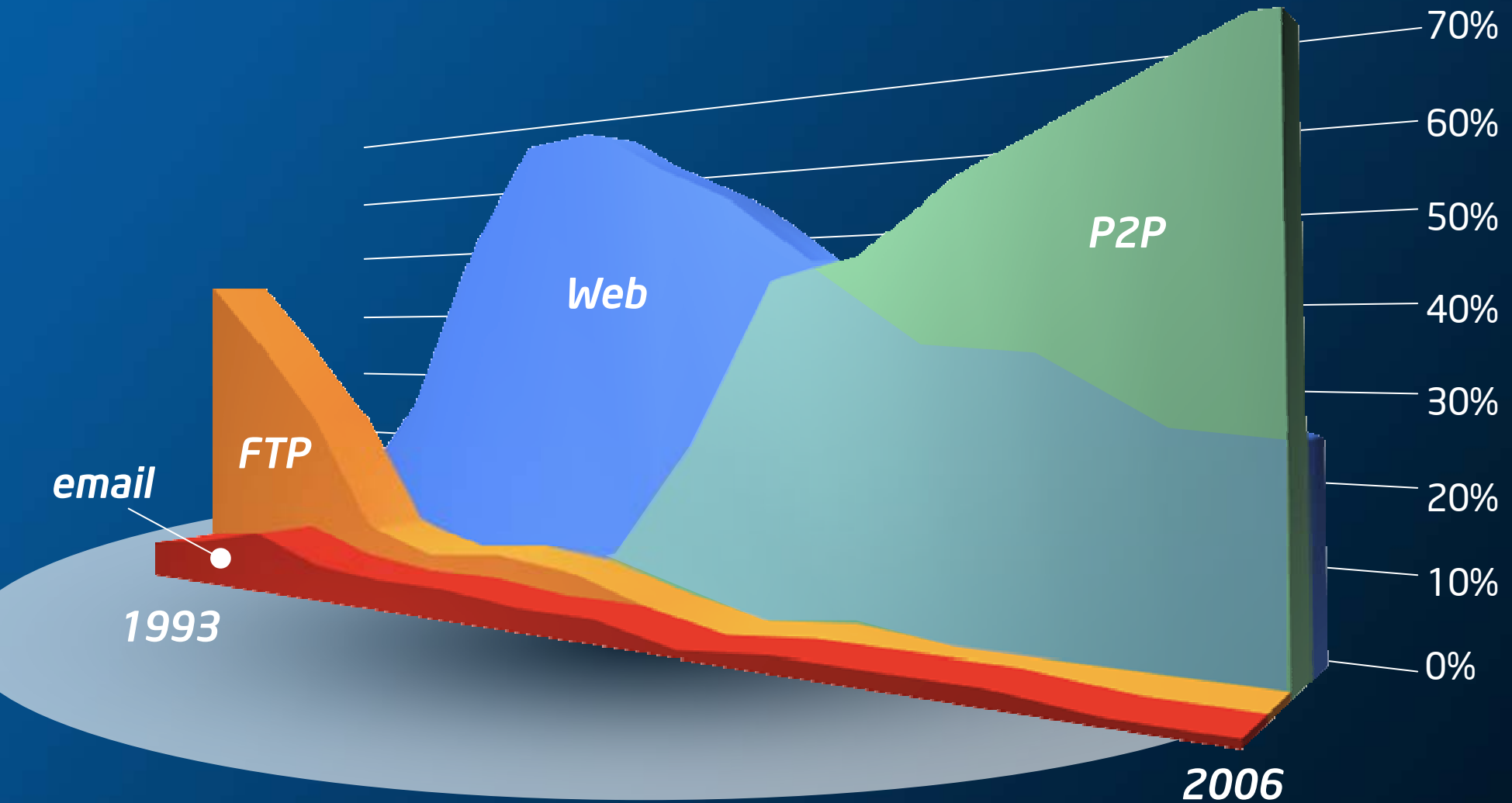
Internet Traffic

Traffic Terabytes per Month



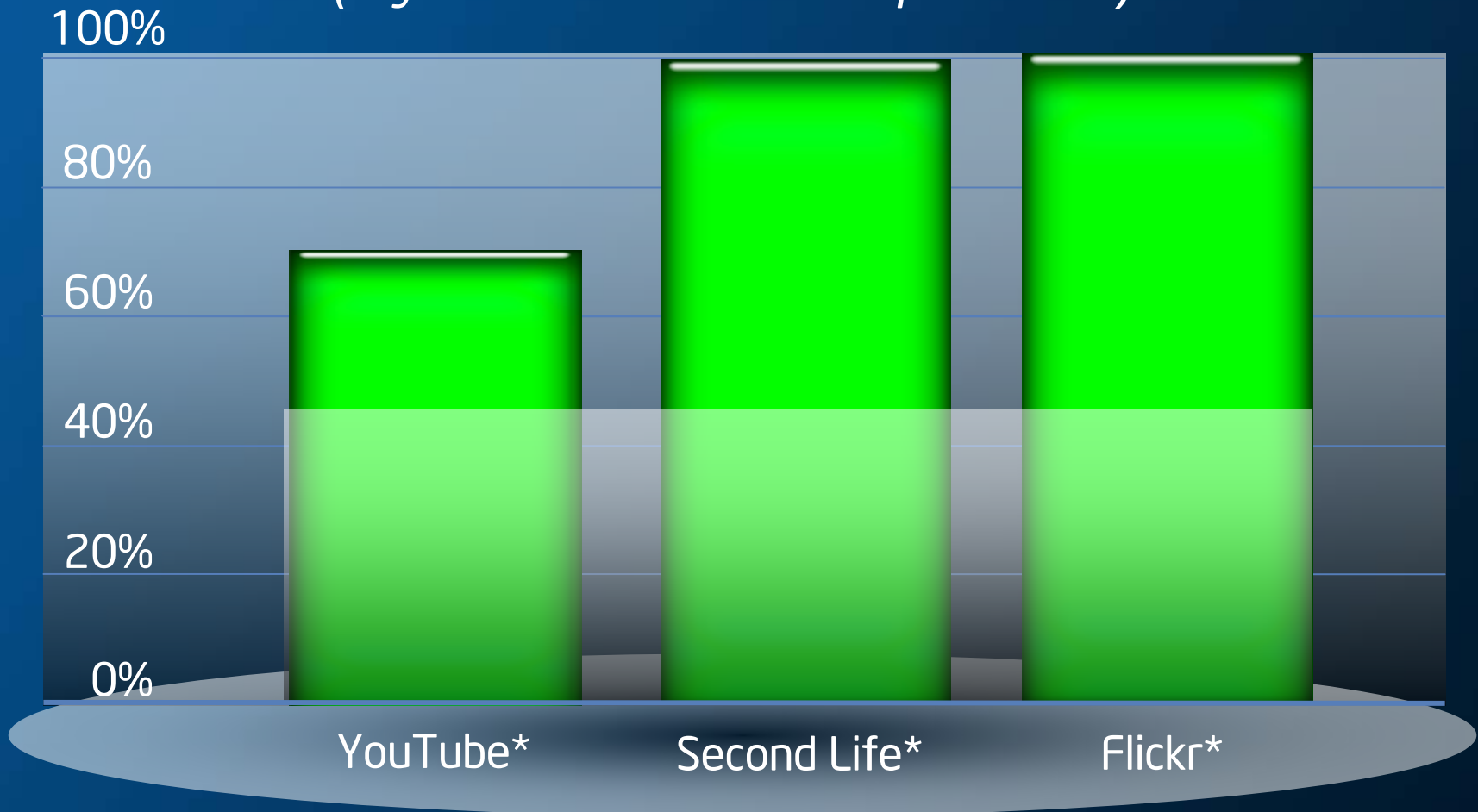
The Internet = Rich Media

Percentage of Internet Traffic



Increasingly Incapable of Running the Next Wave of Web ...

*CPU Utilization
(4 year old Volume Microprocessor)*

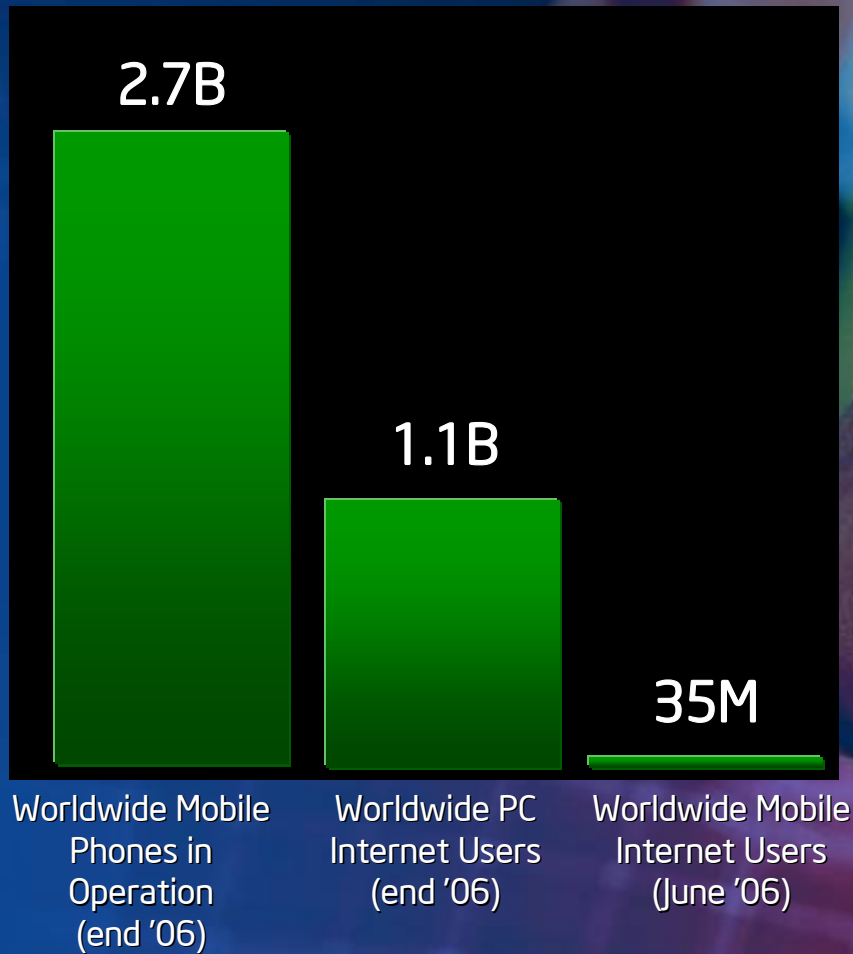


Unmet Demand for Internet On-the-Go?

"What people really want is to be able to access the same sites they access on their PCs, but from their phones."

- Matt Hatton, Yankee Group

Unmet Demand for Internet On-the-Go?

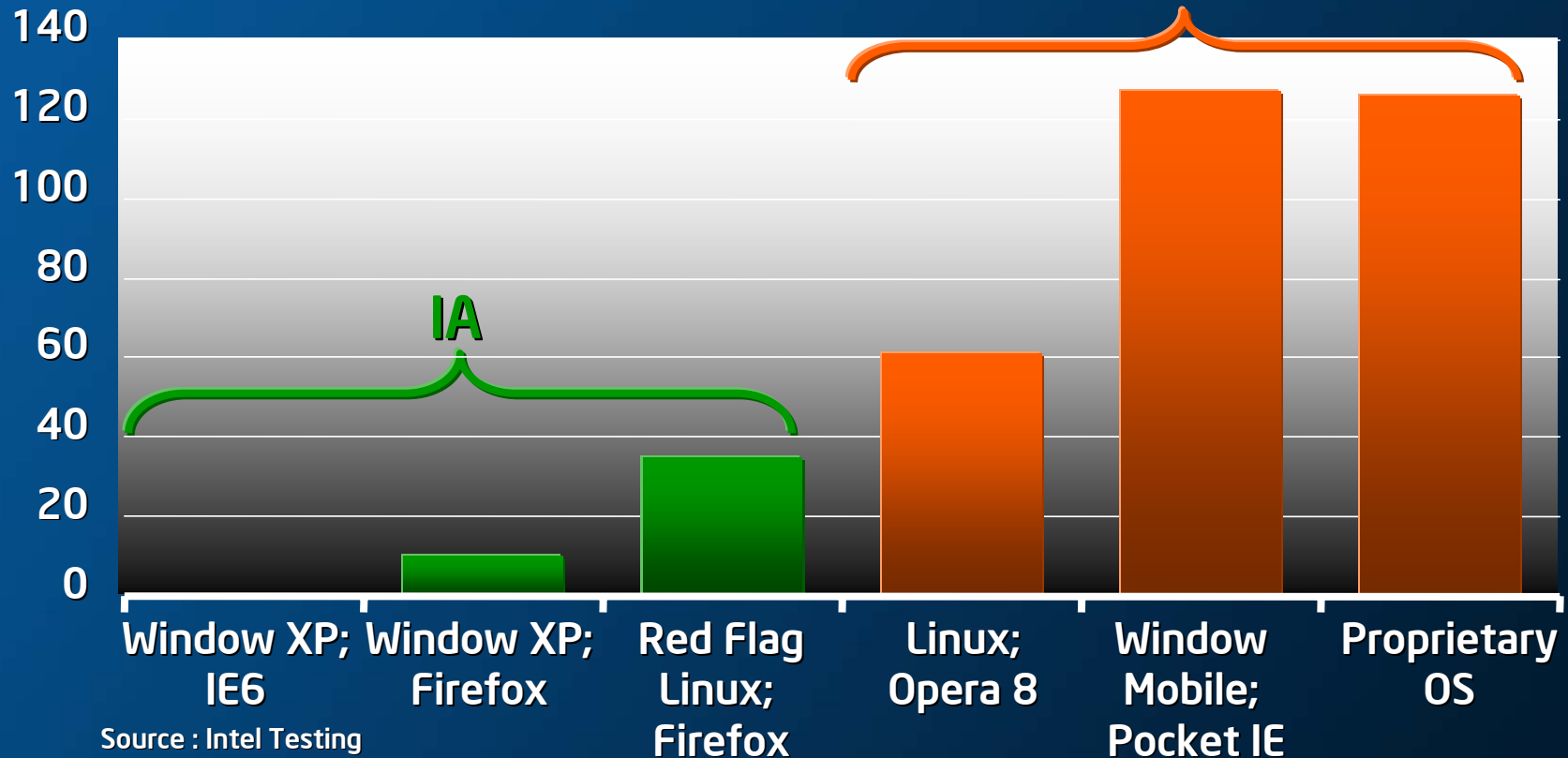


"What people really want is to be able to access the same sites they access on their PCs, but from their phones." ?

- Matt Hatton, Yankee Group

Uncompromised Internet Runs on Intel Architecture

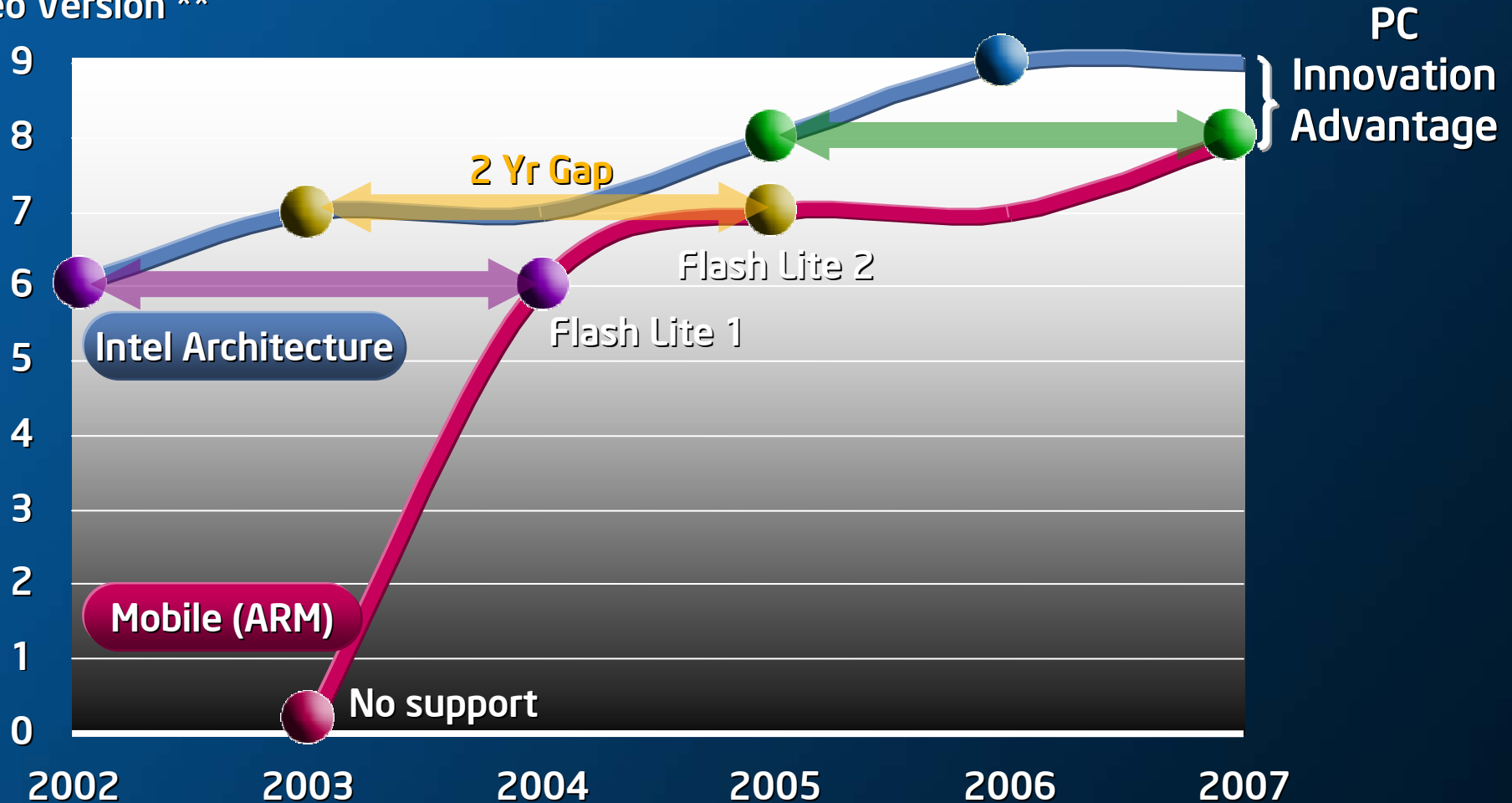
of Errors**
(Lower is Better)



Number of Errors Running Top Internet Sites*

No Compromise Internet Access Innovation Happens First on the PC

Adobe* Flash
Video Version **



Source : Intel

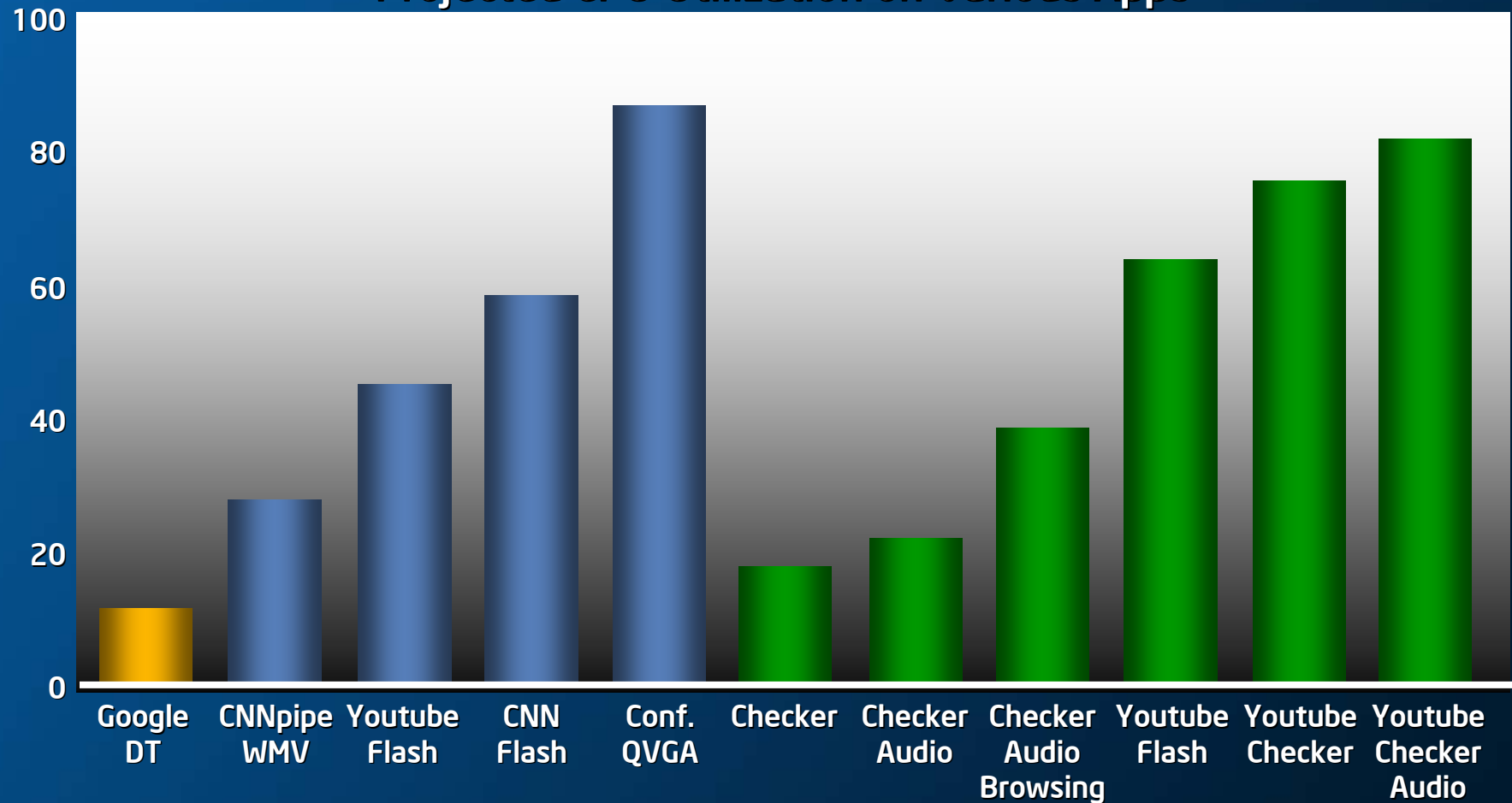
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* Other brand and names are the property of their respective owners
** Chart shows year when version of Adobe Flash Video first commercially available on these architectures



The Uncompromised Internet Requires Performance

Projected CPU Utilization on Various Apps*



DT Search

Video

Multitasking

Source : Intel

•SLT estimates based on DTN-600MHz measurements and scaling factors derived from simulated data

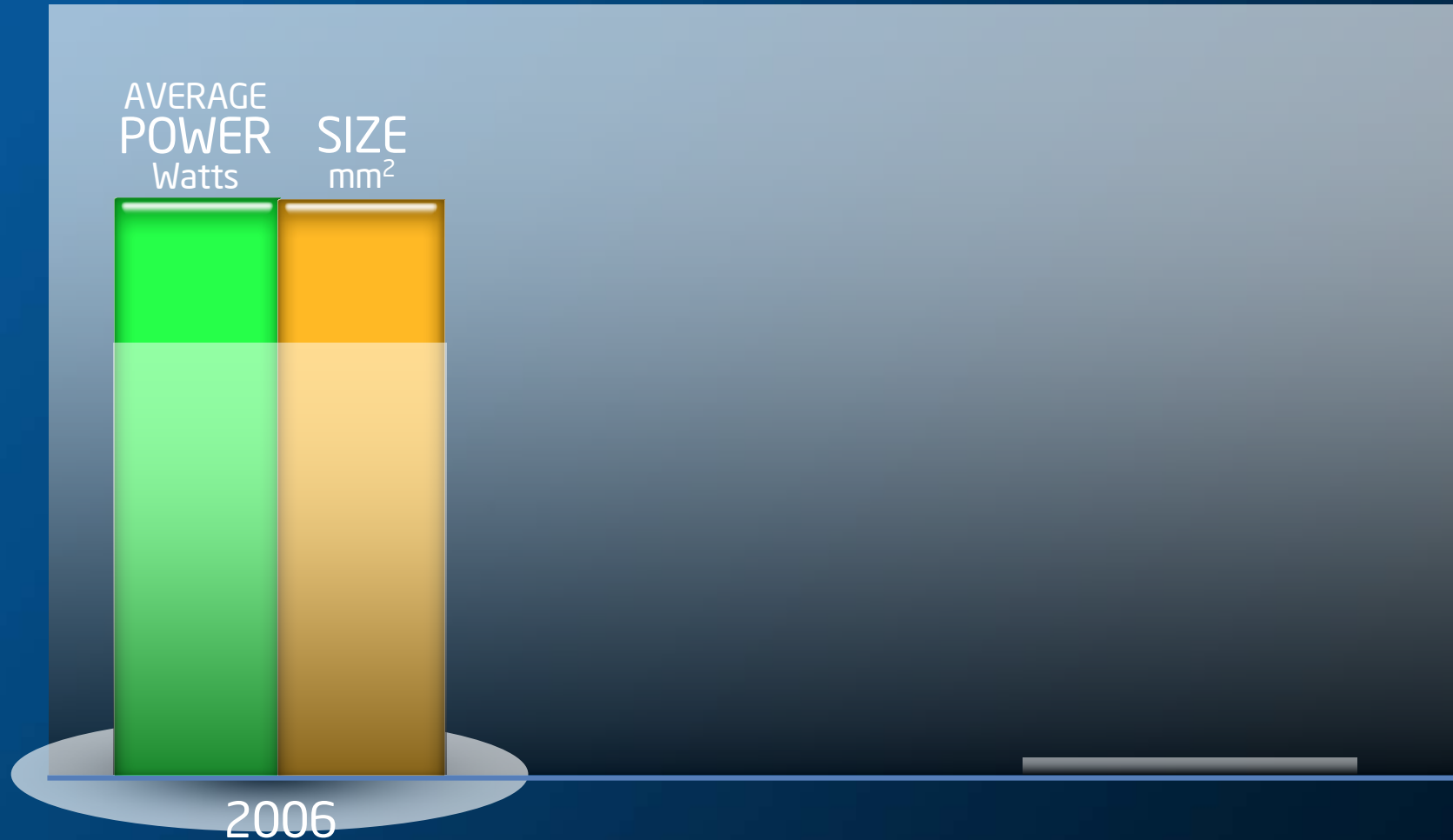
•Detail configurations and methodology covered in legal disclaimer

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Driving Down Power and Size

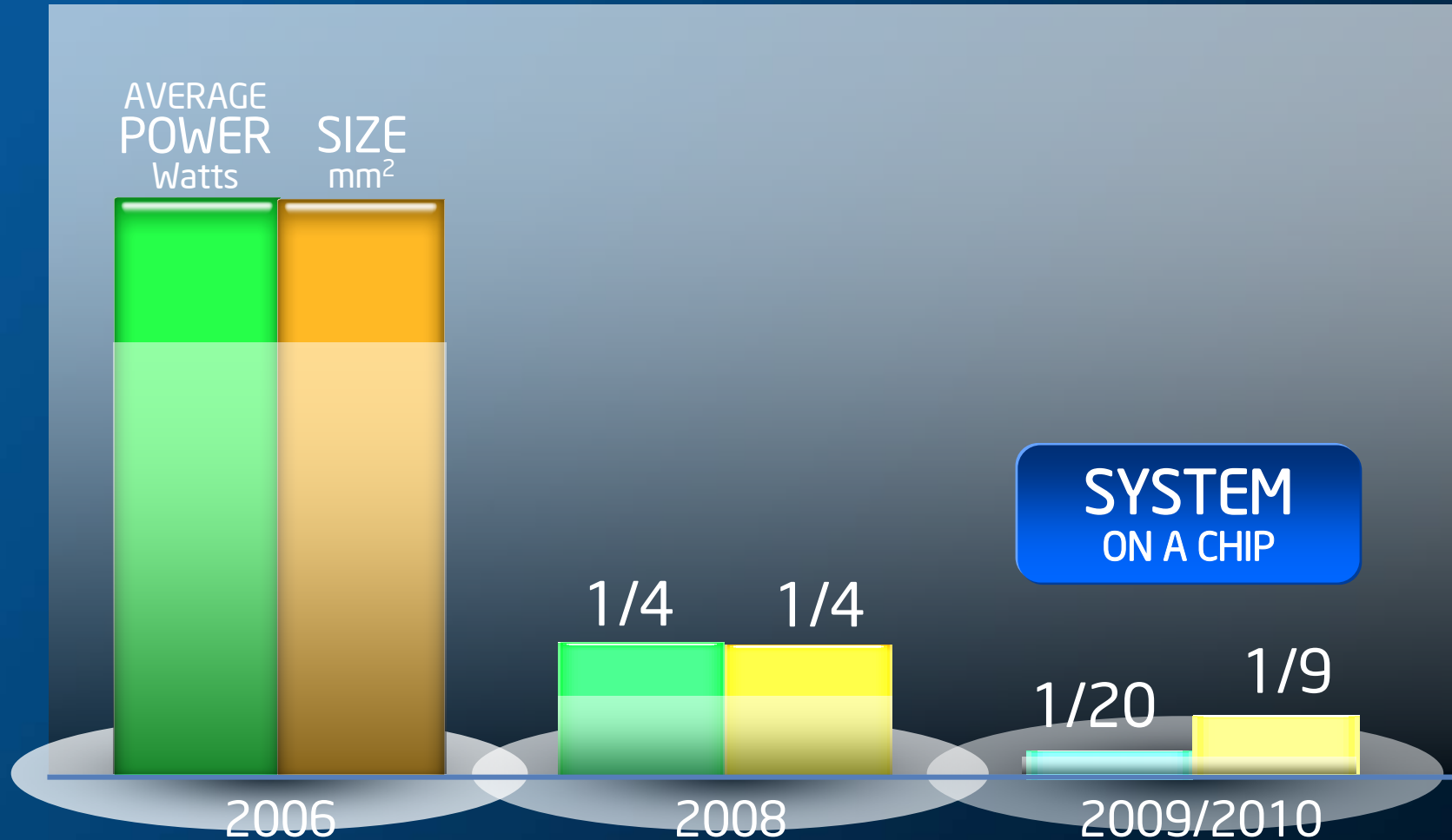
CPU + CHIPSET



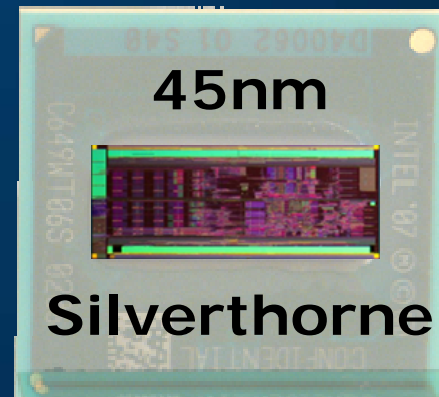
2006

Driving Down Power and Size

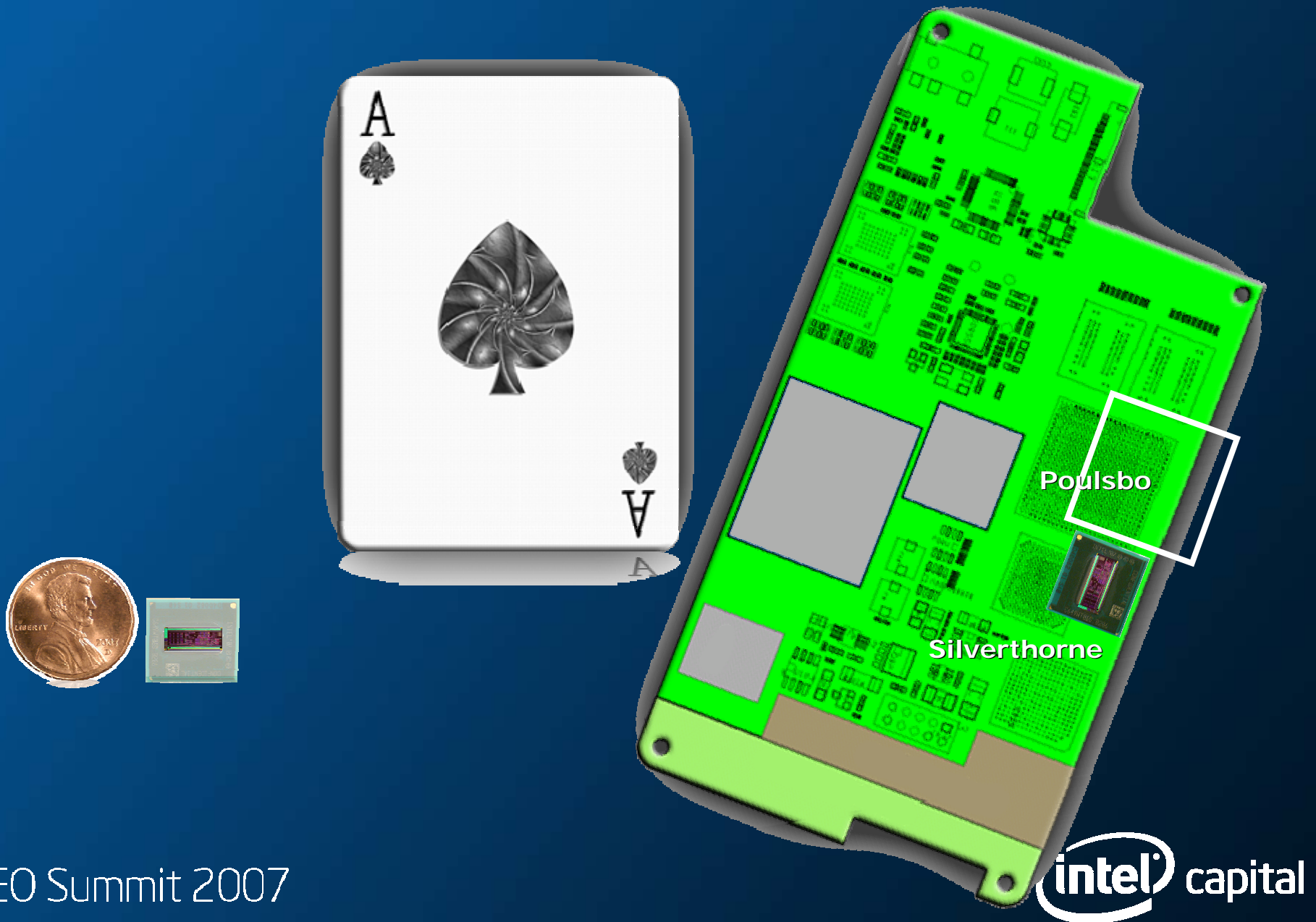
CPU + CHIPSET



The Full Internet in Your Pocket



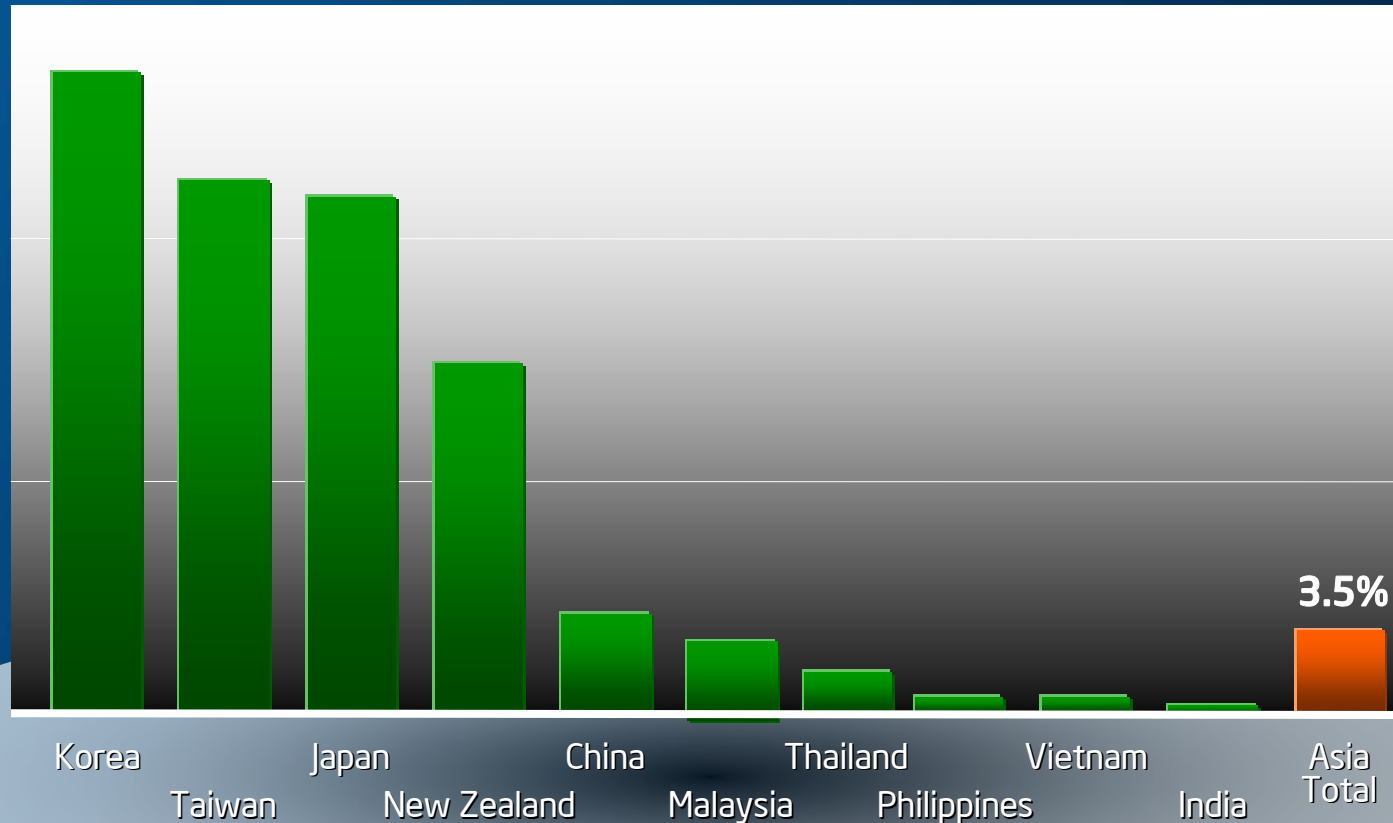
The Full Internet in Your Pocket



Why WiMAX: Because Nobody Has Broadband

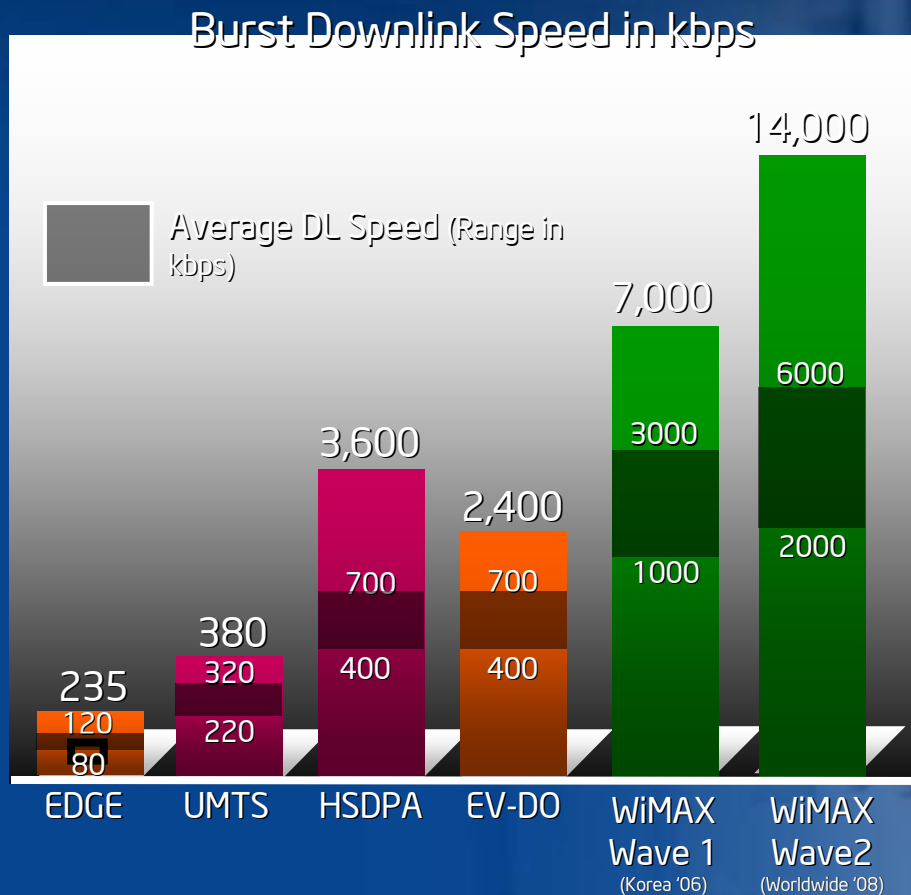
Asia Broadband Penetration Rates

Lines /
100 People
30
20
10
0



Why WiMAX: Superior Data Rates

End User Downlink Data Rates



Projected WiMAX Global Deployments

A world map in shades of blue and green, showing the continents. The map is centered on the Atlantic Ocean, with North and South America on the left and Europe, Africa, and Asia on the right.

	2004	2006	2008	2010	2012
WiMAX Trials & Deployments	10	250	400		
Population Covered			150M	650M	1.3B
Nationwide WiMAX Carriers		3	>10	>20	

Recently Announced Displays, Apps, Services



Internet-based Messaging



VoIP Anytime Anywhere

SAMSUNG

Low Power Displays

mobitv

TV On-The-Go

LINGTU

Maps and Navigation

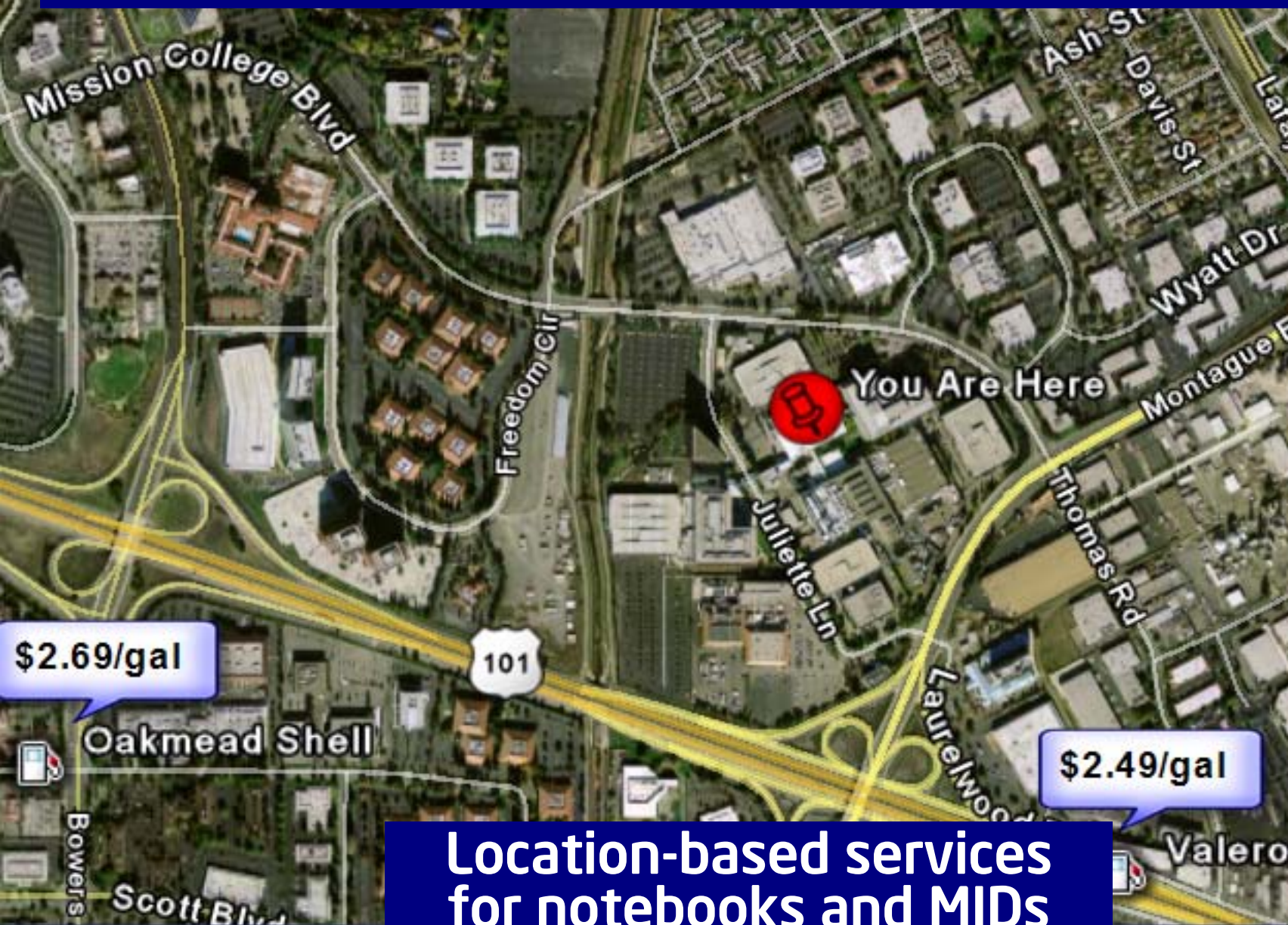


Handwriting Software



"Apollo" Platform

Mobility Innovations to Consider



ZAGAT

Cheapgas.com

craigslist



Location-based services
for notebooks and MIDs

Search:

Keyboard

Google
Earth



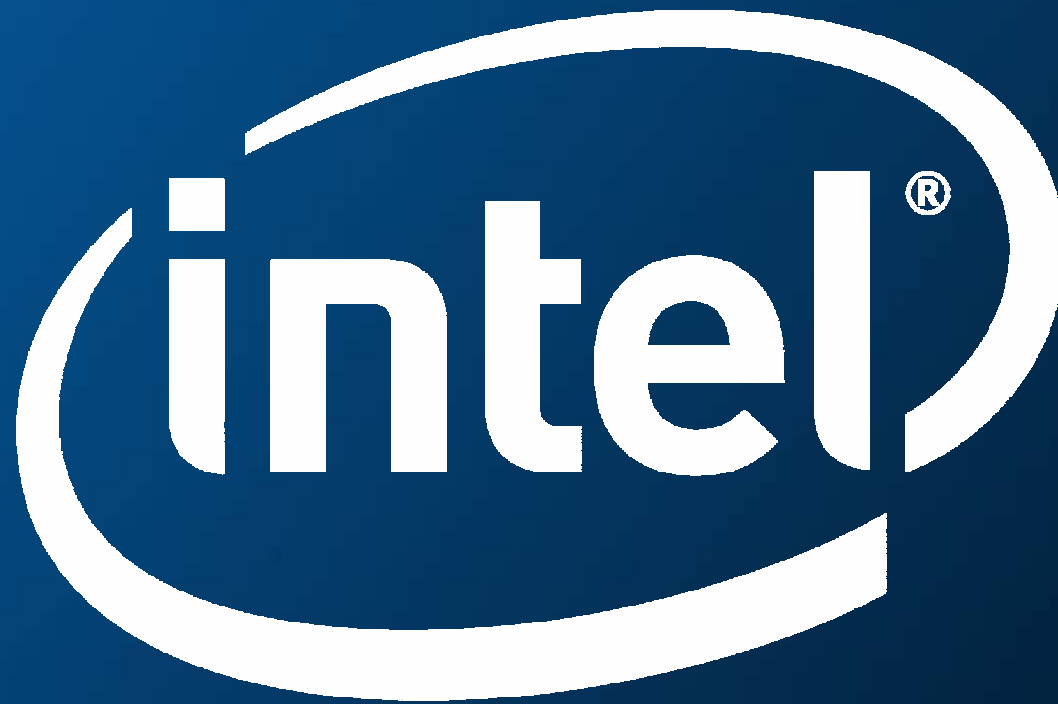
Summary

Mobility: Platforms and Components for Notebooks and MIDs

The Mobile Internet is Driving Investments in Devices and Software

The Mobile Internet is the Opportunity

Can we partner to capitalize on it?



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